

Form 1763w  
May, 1921

# LIST OF PARTS



**MACHINE No. 23-8**

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**THE SINGER MANUFACTURING COMPANY**

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## INSTRUCTIONS FOR ORDERING

In ordering from this list, use **ONLY** the part **NUMBER** in the **FIRST** column.

The number stamped on a Sewing Machine part is in every case the number of the single part only.

Every combination of parts sent out as such has its specific number, which, although not stamped on the parts, must be used when ordering the combination.

Each number always indicates the **SAME PART** in whatever list it appears, or for whatever machine.

The letters after some of the numbers indicate the style of finish only, as follows:

- A. Hardened, Polished and Plated
- B. Polished and Plated
- C. Hardened only.
- D. Polished only.
- E. Soft, not Polished.
- F. Hardened and Polished.
- G.
- H. Blued
- J. Plated only.
- K. Hardened and Plated.
- L. Brass or Gilt.
- M. Oxidized
- P. Japanned
- R. Parkerized.

These letters **MUST BE USED** *when* they appear in the list **and AFTER** the number *as* in the list.

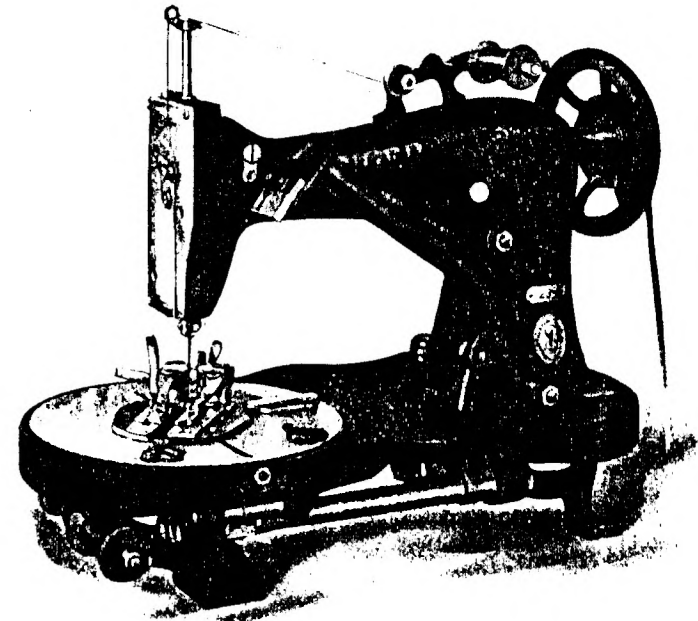
In this series

- 1 to 1500 and 50001 to 51500 are Screw Numbers.
- 1501 to 1800 are Nut Numbers.
- 1801 to 2000 are Roller Numbers.
- 2001 to 50000 and 52001 and upward are numbers of Machine Parts.

The figures in the second column refer only to the plates, illustrating the parts, and are **NOT TO BE USED** in ordering.

Parts marked with an asterisk (\*) are furnished only when repairs are made at factory.

## LIST OF PARTS COMPLETE FOR



### MACHINE No. 23-8

HAS CUTTING ATTACHMENT

For Clothing, Coats, Vests, Etc.

Makes Buttonholes  $\frac{1}{2}$  to  $1\frac{1}{2}$  inches Long.

No.	Plate	Name
*10451	—	Arm with 771D and 10008 .....
8582	1781	" Dowel Pin (2) .....
118E	1783	" Screw (3) .....
10002	1786	" Shaft (horizontal) .....
18820	1784	" " " Gear with 453c ..
2117	1781	" " " " Pin .....
453c	1783	" " " " Set Screw ..
144D	1781	" " " Screw .....
10005	1786	" " (upright) .....
18821	1784	" " " Gear with 453c ...
2117	1781	" " " " Pin .....
453c	1783	" " " " Set Screw ...
*10008	—	" Side Plate .....

No.	Plate	Name
771b	1783	Arm Side Plate Thumb Screw .....
10010	1778	Balance Wheel, 2½ in. pulley, with two 448c .....
448c	1783	Balance Wheel Set Screw .....
*10456	—	Bed .....
18799	1786	" Plate with two 18619 and four 405E, for 1⅞ to 1½ in. buttonholes, for 18800 .....
18800	—	Bed Plate 18799 with 18797, 18798 and four 231c, for 18753 .....
18753	—	Bed Plate complete, for 1⅞ to 1½ in. buttonholes, Nos. 10024, 10132, 10134, 18568, 18800, two each 10135, 10136 and three 405E .....
18568	1779	Bed Plate Button with 240b and 664b
405E	1783	" " " Screw .....
10020	1779	" " Clamp Guide Slide with 1827 .....
10021	1779	Bed Plate Clamp Guide Slide Guide
399F	1783	" " " " " "
		Screw .....
1827	1781	Bed Plate Clamp Guide Slide Roller and Stud .....
10023	1779	Bed Plate Clamp Guide Slide Spring
10022	1781	" " " " " "
		Stop Stud .....
10024	1779	Bed Plate Clamp Guide complete, Nos. 10020, 10022, 10023, two 10021 and four 399F .....
18797	1784	Bed Plate Clamp Stop (left) with 18752 .....
18798	1784	Bed Plate Clamp Stop (right) with 18752 .....
231c	1783	Bed Plate Clamp Stop Screw .....
18752	1783	" " " " Stud .....
10461	1781	" " Dowel Pin .....
18619	1785	" " Protector, for 1⅞ to 1½ in. buttonholes, for 18799 .....
405E	1783	Bed Plate Protector Screw .....
389F	1783	" " Screw (4) .....
10818	1780	Clamp Arm (lower, left) .....
10820	1780	" " (lower) Front Guide (left) .....
10817	1780	Clamp Arm (lower, right) .....
10819	1780	" " (lower) Front Guide (right) .....
10157	1781	Clamp Arm (lower) Front Guide Dowel Pin .....

No.	Plate	Name
402D	1783	Clamp Arm (lower) Front Guide Screw .....
10159	1780	Clamp Arm (lower) Rear Guide (left)
10161	1783	" " " " " "
		Rivet .....
10158	1780	Clamp Arm (lower) Rear Guide (right) .....
10160	1781	Clamp Arm (lower) Rear Guide (right) Rivet .....
10823	1780	Clamp Arm (upper, left) with 10165
10822	1780	" " (upper, right) with 10165
10164	1780	" " (upper) Adjusting Slide
247F	1783	" " " " "
		Screw .....
10165	1781	Clamp Arm (upper) Adjusting Slide Steady Pin .....
10170	1780	Clamp Arm (upper) Connecting Yoke
10171	1780	" " " " "
		Link with two 220D .....
220D	1783	Clamp Arm (upper) Connecting Yoke Link Screw .....
10172	1780	Clamp Arm (upper) Hinge .....
10173	1783	" " " " Pin .....
176D	1783	" " " Screw .....
10195	1780	" " " Spring .....
10174	1780	" " Spreader .....
10821	1787	" " " Lever .....
99E	1783	" " " " Hinge Screw
10176	1780	" " " Link .....
105D	1783	" " " " Hinge Screw
109D	1783	" " " Screw .....
10825	1780	" Check (left), 1½ inch .....
10824	1780	" " (right), 1½ inch .....
10157	1781	" " Hinge Pin .....
10177	1780	" Crank Shaft .....
10179	1780	" " " Bracket (left) ...
10178	1780	" " " " (right) ...
397F	1783	" " " " Screw (large)
223E	1783	" " " " " (small)
10180	1780	" " " Lever .....
10181	1783	" " " " Pin .....
10182	1780	" Guide Pin .....
10183	1780	" " " Lifter .....
103D	1783	" " " " Hinge Screw
10184	1780	" " " " Spring .....
233D	1783	" " " " " Screw
10157	1781	" " " " Stop Pin ...
10185	1780	" " " Post .....

## Parts for Machine No. 23-8

No.	Plate	Name
10828	1778	Clamp Plate .....
10187	1783	" Thread Catch .....
240D	1783	" " " Screw .....
10830	1778	Clamp, 1½ in. complete, Nos. 99E, 103D, 105D, 109D, 233D, 240D, 10158, 10159, 10170, 10171, 10174, 10176 to 10185, 10187, 10817 to 10825, 10828, two each 176D, 223E, 247E, 397E, 402D, 10160, 10161, 10164, 10172, 10173, 10195 and five 10157 .....
18548	1782	Cutting Block (brass), ½ inch .....
18750	1782	" " " ½ inch .....
18751	1782	" " " ⅝ inch .....
10464	1782	" " " ¾ inch .....
10465	1782	" " " ¾ inch .....
10469	1782	" " " ¾ inch .....
10466	1782	" " " ¾ inch .....
10502	1782	" " " ¾ inch .....
10467	1782	" " " 1 inch .....
10470	1782	" " " 1 inch .....
10471	1782	" " " 1¼ inch .....
10472	1782	" " " 1¼ inch .....
10473	1782	" " " 1½ inch .....
10474	1782	" " " 1½ inch .....
10452	1786	" " " Arm .....
10453	1782	" " " Ratchet Wheel ..
10454	1782	" " " " " Re- taining Spring Latch .....
159D	1783	Cutting Block Arm Ratchet Wheel Retaining Spring Latch Screw ..
304C	1783	Cutting Block Arm Screw Center (2)
1513E	1783	" " " " " Nut (2) .....
10455	1787	Cutting Block Arm Spring .....
444E	1783	" " " Set Screw (2) .....
18576	1785	Eye Stop, for 10632 .....
10893	1785	" " " 10547 and 10549 .....
1071C	1781	" " " Adjusting Screw .....
1518E	1783	" " " " " Nut .....
10026	1778	Face Plate .....
176D	1783	" " " Screw (3) .....
10152	1781	" " " Thread Guide .....
10028	1786	Feed Driving Bell Crank Lever with 1805 .....
2D	1779	Feed Driving Bell Crank Lever Hinge Screw .....
1805	1781	Feed Driving Bell Crank Lever Rol- ler and Stud .....

## Parts for Machine No. 23-8

No.	Plate	Name
10031	1787	Feed Hand Ratchet Lever .....
10032	1779	" " " " Handle ..
52G	1783	" " " " Hinge Screw .....
18790	1784	Feed Hand Ratchet Pawl with 18791
10034	1781	" " " " Hinge Stud
5569	1779	" " " " Spring ...
18791	1783	" " " " " Hook, for 18790 .....
10061	1780	Feed Hand Ratchet Pawl Spring Pin, for Bed .....
10036	1787	Feed Hand Ratchet complete, Nos. 10031, 10032, 10034 and 18790 ...
10038	1786	Feed and Looper Cam with two 445C
445C	1783	" " " " Set Screw ...
10041	1779	" Regulator (long) .....
10558	1779	" " (reverse) .....
10559	1779	" " (short) .....
176D	1783	" " " Screw (2) .....
10477	1787	" Shipper Lever with 1814, for buttonholes 1½ and 1½ in. long ..
18894	—	Feed Shipper Lever with 1814, for buttonholes from ½ to 1¼ in. long
71D	1783	Feed Shipper Lever Hinge Screw ..
1814	1781	" " " Roller and Stud
10479	—	" Wheel with 10081, 10504, 10505, two each 401E and 756E, for ½ in. buttonhole .....
10481	—	Feed Wheel with 10082, 10506, 10507, two each 401E and 756E, for ⅞ in. buttonhole .....
10483	—	Feed Wheel with 10083, 10508, 10509, two each 401E and 756E, for ¾ in. buttonhole .....
10485	—	Feed Wheel with 756E, 10084, 10510, 10511 and three 401E, for ¾ in. buttonhole .....
10487	—	Feed Wheel with 756E, 10085, 10512, 10513 and three 401E, for ¾ in. buttonhole .....
10489	—	Feed Wheel with 10086, 10514, 10515 and four 401E, for ¾ in. buttonhole
10491	—	Feed Wheel with 756E, 10087, 10516, 10517 and three 401E, for 1 in. buttonhole .....
18506	—	Feed Wheel with 10520, 18507, 18508, two each 401E and 756E, for 1½ in. buttonhole .....

No.	Plate	Name
10495	—	Feed Wheel with 401E, 10518, 10519, 10521 and three 756E, for $1\frac{1}{4}$ in. buttonhole .....
10957	1786	Feed Wheel with 401E, 10962, 10963, 10967 and three 756E, for $1\frac{1}{4}$ in. buttonhole .....
18569	—	Feed Wheel with 10523, 18570, 18571, two each 401E and 756E, for $1\frac{1}{4}$ in. buttonhole .....
10958	—	Feed Wheel with 10524, 10964, 10965 and four 401E, for $1\frac{1}{2}$ in. buttonhole .....
10059	1779	Feed Wheel Brake Dog with 10060..
5569	1779	" " " " Spring .....
10035	1781	" " " " " Hook .....
10060	1781	" " " " " Stud .....
10504	1785	" " " " Cam Groove Protector, $\frac{1}{2}$ in. (inside), for 10479 .....
10505	1785	Feed Wheel Cam Groove Protector, $\frac{1}{2}$ in. (outside), for 10479 .....
10506	—	Feed Wheel Cam Groove Protector, $\frac{3}{8}$ in. (inside), for 10481 .....
10507	—	Feed Wheel Cam Groove Protector, $\frac{3}{8}$ in. (outside), for 10481 .....
10508	—	Feed Wheel Cam Groove Protector, $\frac{5}{8}$ in. (inside), for 10483 .....
10509	—	Feed Wheel Cam Groove Protector, $\frac{5}{8}$ in. (outside), for 10483 .....
10510	—	Feed Wheel Cam Groove Protector, $1\frac{1}{4}$ in. (inside), for 10485 .....
10511	—	Feed Wheel Cam Groove Protector, $1\frac{1}{4}$ in. (outside), for 10485 .....
10512	—	Feed Wheel Cam Groove Protector, $\frac{7}{8}$ in. (inside), for 10487 .....
10513	—	Feed Wheel Cam Groove Protector, $\frac{7}{8}$ in. (outside), for 10487 .....
10514	—	Feed Wheel Cam Groove Protector, $\frac{7}{8}$ in. (inside), for 10489 .....
10515	—	Feed Wheel Cam Groove Protector, $\frac{7}{8}$ in. (outside), for 10489 .....
10516	—	Feed Wheel Cam Groove Protector, 1 in. (inside), for 10491 .....
10517	—	Feed Wheel Cam Groove Protector, 1 in. (outside), for 10491 .....
18507	—	Feed Wheel Cam Groove Protector, $1\frac{1}{8}$ in. (inside), for 18506 .....
18508	—	Feed Wheel Cam Groove Protector, $1\frac{1}{8}$ in. (outside), for 18506 .....
10518	—	Feed Wheel Cam Groove Protector, $1\frac{1}{8}$ in. (inside), for 10495 .....

No.	Plate	Name
10519	—	Feed Wheel Cam Groove Protector, $1\frac{1}{8}$ in. (outside), for 10495 .....
10962	—	Feed Wheel Cam Groove Protector, $1\frac{1}{4}$ in. (inside), for 10957 .....
10963	—	Feed Wheel Cam Groove Protector, $1\frac{1}{4}$ in. (outside), for 10957 .....
18570	—	Feed Wheel Cam Groove Protector, $1\frac{1}{8}$ in. (inside), for 18569 .....
18571	—	Feed Wheel Cam Groove Protector, $1\frac{1}{8}$ in. (outside), for 18569 .....
10964	—	Feed Wheel Cam Groove Protector, $1\frac{1}{2}$ in. (inside), for 10958 .....
10965	—	Feed Wheel Cam Groove Protector, $1\frac{1}{2}$ in. (outside), for 10958 .....
401E	1783	Feed Wheel Cam Groove Protector Screw (long) .....
756E	1783	Feed Wheel Cam Groove Protector Screw (short) .....
18563	1778	Feed Wheel Driving Lever with 129E
129E	1781	" " " " Adjusting Screw .....
10063	1779	Feed Wheel Driving Lever Block ..
357E	1783	" " " " " Adjusting Screw .....
1520E	1781	Feed Wheel Driving Lever Block Adjusting Screw Nut .....
8734	1779	Feed Wheel Driving Lever Spring ..
10061	1780	" " " " " Pin .....
429C	1783	" " " " " Support ing Screw .....
1513E	1783	Feed Wheel Driving Lever Supporting Screw Nut .....
10029	1779	Feed Wheel Friction Block .....
10030	1779	" " " " " Spring ..
430C	1783	" " " " " Adjusting Screw .....
1520E	1781	Feed Wheel Friction Block Spring Adjusting Screw Nut .....
10081	—	Feed Wheel Latch, $\frac{1}{2}$ in., for 10479
10082	1779	" " " " $\frac{9}{16}$ in., for 10481
10083	—	" " " " $\frac{5}{8}$ in., for 10483
10084	—	" " " " $1\frac{1}{4}$ in., for 10485
10085	—	" " " " $\frac{3}{4}$ in., for 10487
10086	—	" " " " $\frac{7}{8}$ in., for 10489
10087	—	" " " " 1 in., for 10491
10520	—	" " " " $1\frac{1}{8}$ in., for 18506
10521	—	" " " " $1\frac{1}{8}$ in., for 10495
10967	—	" " " " $1\frac{1}{4}$ in., for 10957
10523	—	" " " " $1\frac{1}{8}$ in., for 18569
10524	—	" " " " $1\frac{1}{2}$ in., for 10958

No.	Plate	Name
10526	—	Knife, $\frac{1}{2}$ in. (large size eye) .....
10527	1782	" $\frac{5}{16}$ in. (large size eye) .....
10528	1782	" $\frac{3}{8}$ in. (large size eye) .....
10529	—	" $\frac{1}{4}$ in. (large size eye) .....
10530	1782	" $\frac{3}{4}$ in. (large size eye) .....
10531	—	" $\frac{3}{8}$ in. (large size eye) .....
10532	1782	" 1 in. (large size eye) .....
10533	—	" $1\frac{1}{8}$ in. (large size eye) .....
10534	1782	" $1\frac{1}{4}$ in. (large size eye) .....
10535	1782	" $1\frac{1}{2}$ in. (large size eye) .....
10632	1784	" Holder with 209F and two 10556, for 10526, 10527, 10536 and 10537
10547	1784	Knife Holder with 209F and two 10556, for 10528 to 10530 and 10538 to 10540 .....
10549	1787	Knife Holder with 209F and two 10556, for 10531, 10532, 10541 and 10542
10551	1787	Knife Holder with 209F and two 10556, for 10533 to 10535 and 10543 to 10545
10552	1782	Knife Holder Adjusting Collar with 453c .....
453c	1783	Knife Holder Adjusting Collar Set Screw .....
10553	1782	Knife Holder Connecting Link ....
72D	1783	" " " " Hinge Screw .....
10554	1781	Knife Holder Connecting Link Pin..
10555	1787	" " Hinge Pin .....
450c	1783	" " " " Set Screw (2)
10560	1786	" " Lifting Rock Shaft ....
10561	1787	" " " " " Con- necting Link .....
10562	1781	Knife Holder Lifting Rock Shaft Con- necting Link Pin (2) .....
293c	1785	Knife Holder Lifting Rock Shaft Screw Center (2) .....
1501E	1785	Knife Holder Lifting Rock Shaft Screw Center Nut (2) .....
10556	1780	Knife Position Pin .....
209F	1783	" Set Screw .....
10118	1781	Looper (long) .....
10119	1781	" (short) .....
10121	1179	" Carrier with 1824 .....
10122	1787	" " Bracket .....
130D	1783	" " " Screw .....
10123	1779	" " Crank .....
7958	1781	" " " Pin .....

No.	Plate	Name
209F	1783	Looper Carrier Crank Set Screw ....
10125	1781	" " Needle Guard .....
233D	1783	" " " " Screw ....
2077	1781	" " Pin .....
10127	1778	" " Pitman .....
378c	1783	" " " Hinge Screw ....
1520E	1781	" " " " " Nut
1824	1781	" " Roller and Stud .....
10130	1779	" " Shaft .....
10129	1786	" Driving Bell Crank with 1807
2D	1779	" " " " Hinge Screw
1807	1781	" " " " Roller and Stud .....
224F	1783	Looper Screw .....
10088	1778	Needle Bar .....
10089	1778	Needle Bar complete, Nos. 10088, 10096, 10108 and 10110 .....
10091	1779	Needle Bar Connecting Link with two 390c .....
390c	1783	Needle Bar Connecting Link Adjust- ing Screw .....
29c	1783	Needle Bar Connecting Link Hinge Screw .....
7548	—	Needle Bar Connecting Stud .....
7448	1779	" " " " 7548 with 155c .....
155c	1783	Needle Bar Connecting Stud Set Screw .....
10557	1778	Needle Bar Frame .....
10099	1778	" " " Bell Crank with 1813
1813	1781	" " " " Roller and Stud .....
307c	1783	Needle Bar Frame Bell Crank Screw Center (2) .....
1513E	1783	Needle Bar Frame Bell Crank Screw Center Nut (2) .....
10101	1779	Needle Bar Frame Cam with two 445c
445c	1783	" " " " Set Screw ..
10103	1778	" " " Connecting Rod with 390c .....
390c	1783	Needle Bar Frame Connecting Rod Adjusting Screw .....
10104	1781	Needle Bar Frame Connecting Rod Ball .....
147c	1783	Needle Bar Frame Connecting Rod Ball Screw .....
37E	1783	Needle Bar Frame Regulating Screw Stud .....

No.	Plate	Name
1514E	1783	Needle Bar Frame Regulating Screw Stud Nut .....
307C	1783	Needle Bar Frame Screw Center (lower) .....
306C	1783	Needle Bar Frame Screw Center (upper) .....
1513E	1783	Needle Bar Frame Screw Center Nut (2) .....
18876	---	Needle Bar Packing Cord (2) .....
290E	1783	" " Screw Bushing (2) ....
10093	1779	" " Thread Take-up with 10114 .....
10094	1781	Needle Bar Thread Take-up Roller
10095	1781	" " " " " " Cap .....
233D	1783	Needle Bar Thread Take-up Roller Cap Screw .....
10114	1781	Needle Bar Thread Take-up Roller Pin .....
209F	1783	Needle Bar Thread Take-up Set Screw .....
10096	1779	Needle Bar Thread Take-up complete, Nos. 209F, 233D and 10093 to 10095
10105	1781	Needle Clamp .....
10106	1781	" " Disc .....
10107	1781	" " " Spring .....
93H	1783	" " " " Screw .....
10108	1781	" " Gilb .....
209F	1783	" " Set Screw .....
10109	1781	" " Thread Guide .....
665D	1781	" " " " Screw ..
10110	1781	Needle Clamp complete, Nos. 93H, 209F, 665D, 10105, 10107, 10109 and two 10106 .....
10134	1779	Spreader (left) with 99C and 10136
664D	1781	" " Stop Screw .....
10132	1779	" (right) with 99C and 10136 ..
240D	1783	" " Stop Screw .....
99C	1783	" Hinge Screw .....
10135	1781	" Spring .....
10136	1781	" " Hook .....
2102	1779	Tension (under thread) Disc (2) ..
1560C	1781	" " " " Regulating Thumb Nut .....
50021D	---	Tension (under thread) Screw Stud
10148	1781	" " " Spring .....
10145	1781	" " " Thread Guide
10144	1778	" (upper thread) and Spool Bracket .....

No.	Plate	Name
10146	---	Tension (upper thread) and Spool Bracket complete, Nos. 415D, 488D, 1560C, 2103, 8039, 10111, 10112, 10144, 10145 and two 2102 .....
159D	1783	Tension (upper thread) and Spool Bracket Screw (2) .....
2102	1779	Tension (upper thread) Disc .....
1560C	1781	" " " " Regulating Thumb Nut .....
2103	1781	Tension (upper thread) Spring .....
415D	1783	" " " Stud .....
10145	1781	" " " Thread Guide
10150	1779	Thread (under) Cord Guide .....
333D	1783	Thread (under) Cord Guide Screw..
10147	1778	" " Spool Bracket .....
159D	1783	" " " " Screw (2)
488D	1780	" " " Spindle, 3½ in. long .....
487D	1780	Thread (under) Spool Spindle, 4 in. long .....
10111	1781	Thread (under) Spool Spindle Inside Cone (2) .....
10112	1781	Thread (under) Spool Spindle Inside Cone Spring (2) .....
8064	---	Thread (under) Spool Spindle Outside Cone .....
8039	1779	Thread (under) Spool Spindle Outside Cone 8064 with 759F (2) ....
759F	1783	Thread (under) Spool Spindle Outside Cone Thumb Screw .....
10149	1779	Thread (under) Take-up Spring ....
10145	1781	" " Thread Guide .....
10137	1779	" (upper) Nipper Arm .....
77D	1783	" " " " Hinge Screw .....
1821	1781	Thread (upper) Nipper Arm Roller and Stud .....
10567	1787	Thread (upper) Nipper Cam with 435C .....
3012	1781	Thread (upper) Nipper Cam Pin ....
435C	1783	" " " " Set Screw
8800	1781	" " " Disc .....
1645E	1783	" " " " Regulating Thumb Nut .....
1547D	1783	Thread (upper) Nipper Disc Regulating Thumb Nut Lock Nut .....
1153C	1783	Thread (upper) Nipper Disc Screw Stud .....
1547D	1783	Thread (upper) Nipper Disc Screw Stud Nut .....



## Parts for Machine No. 23-8

No.	Plate	Name
10140	1779	Thread (upper) Nipper Lever .....
49F	1783	" " " " Screw
10141	1781	" " " " Spring
10568	1779	" " " Link .....
488D	1780	" " Spool Spindle, 3½ in. long .....
10111	1781	Thread (upper) Spool Spindle Inside Cone .....
10112	1781	Thread (upper) Spool Spindle Inside Cone Spring .....
8064	—	Thread (upper) Spool Spindle Ont- side Cone .....
8039	1779	Thread (upper) Spool Spindle Ont- side Cone 8064 with 759F .....
759F	1783	Thread (upper) Spool Spindle Ont- side Cone Thumb Screw .....
10151	1779	Thread (upper) Take-up Spring, for 10026 .....
236F	1783	Thread (upper) Take-up Spring Screw .....

## ACCESSORIES

No.	Plate	Name
10469	1782	Cutting Block (brass), ¾ inch .....
10470	1782	" " " 1 inch .....
10472	1782	" " " 1½ inch .....
5569	1779	Feed Wheel Brake Dog Spring .....
10535	1782	Knife, 1½ in. (large size eye) .....
36569	—	Oiler with 36571 .....
36570	—	" 36569, filled with oil .....
36571	—	" Spout, 1½ in. long, with 36807..
36807	—	" " Washer (leather) .....
26026	1784	Screw Driver, Nos. 120088 and 120090
*120088	—	" " Blade .....
*120090	—	" " Handle .....
10135	1781	Spreader Spring (4) .....
10563	1786	Table Bracket Machine Holder (left) with four wood screws 1½ in., No. 14, R.H.B. ....
10216	1786	Table Bracket Machine Holder (right) with 10116 and three wood screws 1½ in., No. 14, R.H.B. ....
10116	1779	Table Bracket Machine Holder Pin..
35143	1784	Tweezers, 4 in. long .....
10875	1778	Wrench, for 1518 and 1520 .....
10876	1778	" " 357 and 1513 .....
10877	1778	" " 10453 .....
23 x 1	—	Needles, six, size 2 .....

## CLAMPS

Same as 10830 with the following exceptions:

No.	Plate	Name
10827	1785	Clamp Check (left), 1½ in., in place of 10825 .....
10826	1785	Clamp Check (right), 1½ in., in place of 10824 .....
10829	—	Clamp, 1½ in. complete, Nos. 99E, 103D, 105D, 109D, 233D, 240D, 10158, 10159, 10170, 10171, 10174, 10176 to 10185, 10187, 10817 to 10823, 10826 to 10828, two each 176D, 223E, 247E, 397E, 402D, 10160, 10161, 10164, 10172, 10173, 10195 and five 10157 .....

### FOR EYELESS BUTTONHOLES

18578	1784	Clamp Plate, in place of 10828 ....
10944	—	Clamp, 1½ in. complete, Nos. 99E, 103D, 105D, 109D, 233D, 240D, 10158, 10159, 10170, 10171, 10174, 10176 to 10185, 10187, 10817 to 10823, 10826, 10827, 18578, two each 176D, 223E, 247E, 397E, 402D, 10160, 10161, 10164, 10172, 10173, 10195 and five 10157 .....
10954	—	Clamp, 1½ in. complete, Nos. 99E, 103D, 105D, 109D, 233D, 240D, 10158, 10159, 10170, 10171, 10174, 10176 to 10185, 10187, 10817 to 10825, 18578, two each 176D, 223E, 247E, 397E, 402D, 10160, 10161, 10164, 10172, 10173, 10195 and five 10157 .....

### FOR MILITARY WORK

10833	1785	Clamp Arm (upper, left) with 10248, in place of 10823 .....
10832	1785	Clamp Arm (upper, right) with 10248, in place of 10822 .....
10834	1785	Clamp Arm (upper) Adjusting Slide, in place of 10164 .....
10248	1783	Clamp Arm (upper) Adjusting Slide Steady Pin, in place of 10165 ....

No.	Plate	Name
10836	1781	Clamp Arm (upper) Dowel Pin ....
10835	1785	" " " Hinge, in place of 10172 .....
192D	1781	Clamp Arm (upper) Screw, in place of 176D .....
10843	1785	Clamp Arm Spreader Lever, in place of 10821 .....
10838	1785	Clamp Crank Shaft Bracket (left), in place of 10179 .....
10837	1785	Clamp Crank Shaft Bracket (right), in place of 10178 .....
10839	1785	Clamp Crank Shaft Lever, in place of 10180 .....
10841	1785	Clamp Guide Pin Lifter, in place of 10183 .....
10842	1785	Clamp Guide Pin Lifter Stop, in place of 10157 .....
224D	1783	Clamp Guide Pin Lifter Stop Screw
10845	1785	" " " Post, in place of 10185 .....
10844	—	Clamp, 1½ in. complete, Nos. 99E, 103D, 105D, 109D, 224D, 233D, 240D, 10158, 10159, 10170, 10171, 10174, 10176, 10177, 10181, 10182, 10184, 10187, 10817 to 10820, 10826 to 10828, 10832, 10833, 10837 to 10839, 10841 to 10843, 10845, two each 192D, 223E, 247E, 397E, 402D, 10160, 10161, 10173, 10195, 10834, 10835, four each 10157 and 10836 .....
10956	—	Clamp, 1½ in. complete, Nos. 99E, 103D, 105D, 109D, 224D, 233D, 240D, 10158, 10159, 10170, 10171, 10174, 10176, 10177, 10181, 10182, 10184, 10187, 10817 to 10820, 10824, 10825, 10828, 10832, 10833, 10837 to 10839, 10841 to 10843, 10845, two each 192D, 223E, 247E, 397E, 402D, 10160, 10161, 10173, 10195, 10834, 10835, four each 10157 and 10836 .....

## KNIVES

No.	Plate	Name
10536	—	Knife, $\frac{1}{2}$ in. (small size eye) .....
10537	—	" $\frac{9}{16}$ in. (small size eye) .....
10538	—	" $\frac{5}{8}$ in. (small size eye) .....
10539	—	" $1\frac{1}{8}$ in. (small size eye) .....
10540	—	" $\frac{7}{8}$ in. (small size eye) .....
10541	—	" $\frac{7}{8}$ in. (small size eye) .....
10542	—	" 1 in. (small size eye) .....
10543	—	" $1\frac{1}{8}$ in. (small size eye) .....
10544	—	" $1\frac{1}{2}$ in. (small size eye) .....
10545	—	" $1\frac{1}{2}$ in. (small size eye) .....

## MISCELLANEOUS PARTS

18801	—	Bed Plate with 18620, 18621 and four 405E, for $\frac{1}{2}$ to 1 in. buttonholes ..
18802	—	Bed Plate 18801 with 18797, 18798 and four 231C .....
18754	—	Bed Plate complete, for $\frac{1}{2}$ to 1 in. buttonholes, Nos. 10024, 10132, 10134, 18568, 18802, two each 10135, 10136 and three 405E .....
10888	1785	Bed Plate Button (Chicago style) with 240D and 664D .....
18620	1785	Bed Plate Protector (left), for $\frac{1}{2}$ to 1 in. buttonholes .....
18621	1785	Bed Plate Protector (right), for $\frac{1}{2}$ to 1 in. buttonholes .....
10215	1785	Feed Wheel Driving Lever Block (Hamburgh style) .....

## OBSOLETE PARTS

No.	Plate	Name
10004	1779	Arm Shaft (horizontal) Gear with 453C .....
10007	1787	Arm Shaft (upright) Gear with 453C .....
18623	—	Bed Plate with 18620, 18621 and four 405E, for $\frac{1}{2}$ to 1 in. buttonholes ..
18622	1786	Bed Plate with two 18619 and four 405E, for $1\frac{1}{8}$ to $1\frac{1}{2}$ in. buttonholes .....
10460	—	Bed Plate complete, Nos. 10024, 10132, 10134, 10457, 18568, two each 10135, 10136 and three 405E .....
18625	—	Bed Plate complete, for $\frac{1}{2}$ to 1 in. buttonholes, Nos. 10024, 10132, 10134, 18568, 18623, two each 10135, 10136 and three 405E .....
18624	—	Bed Plate complete, for $1\frac{1}{8}$ to $1\frac{1}{2}$ in. buttonholes, Nos. 10024, 10132, 10134, 18568, 18622, two each 10135, 10136 and three 405E .....
10459	—	Bed Plate Button with 240D and 664D .....
18545	1781	" " Spring Gulde .....
10462	1781	" " Stud .....
18557	1785	Clamp Check Presser Spring .....
10463	1782	Cutting Block (brass), $\frac{9}{16}$ inch ....
10468	1785	Eye Stop .....
10033	1779	Feed Hand Ratchet Pawl with 10035 .....
10493	—	" Wheel with 10520, for $1\frac{1}{8}$ in. buttonhole .....
10497	—	Feed Wheel with 10522, for $1\frac{1}{4}$ in. buttonhole .....
10499	—	Feed Wheel with 10523, for $1\frac{3}{8}$ in. buttonhole .....
10501	—	Feed Wheel with 10524, for $1\frac{1}{2}$ in. buttonhole .....
10522	1779	Feed Wheel Latch, $1\frac{1}{4}$ inch .....
10062	—	" " Driving Lever .....
10299	1785	" " Tripping Point .....
10097	—	Needle Bar Frame .....
10986	—	Spreader Cam Adjusting Slide (thin) .....
10384	1785	" " Fixture .....
10569	—	Tension (upper thread) and Spool Bracket, for upper corder .....

No.	Plate	Name
10570	—	Tension (upper thread) and Spool Bracket complete, for upper corder, Nos. 415D, 487D, 488D, 1560c, 2103, 10145, 10569, two each 2102, 8039, 10111 and 10112 .....
10564	—	Thread (upper) Cord Guide with three 10574 .....
18546	1779	Thread (upper) Cord Guide with three 10574 .....
10574	1781	Thread (upper) Cord Guide Eyelet

**NUMERICAL LIST OF PARTS**  
**FOR**  
**MACHINE No. 23-8**

## NUMERICAL LIST OF PARTS

No.	Plate	Name
2D	1779	Feed Driving Bell Crank Lever Hinge Screw .....
2D	1779	Looper Driving Bell Crank Hinge Screw .....
29C	1783	Needle Bar Connecting Link Hinge Screw .....
37C	1783	Needle Bar Frame Regulating Screw Stud .....
49F	1783	Thread (upper) Nipper Lever Screw
52C	1783	Feed Hand Ratchet Lever Hinge Screw .....
71D	1783	Feed Shipper Lever Hinge Screw ..
72D	1783	Knife Holder Connecting Link Hinge Screw .....
77D	1783	Thread (upper) Nipper Arm Hinge Screw .....
93H	1783	Needle Clamp Disc Spring Screw, for 10110 .....
99E	1783	Clamp Arm Spreader Lever Hinge Screw, for 10829, 10830, 10844, 10944, 10954 and 10956 .....
99C	1783	Spreader Hinge Screw, for 10132 and 10134 .....
103D	1783	Clamp Guide Pin Lifter Hinge Screw, for 10829, 10830, 10844, 10944, 10954 and 10956 .....
105D	1783	Clamp Arm Spreader Link Hinge Screw, for 10829, 10830, 10844, 10944, 10954 and 10956 .....
109D	1783	Clamp Arm Spreader Screw, for 10829, 10830, 10844, 10944, 10954 and 10956 .....
118E	1783	Arm Screw .....
129E	1781	Feed Wheel Driving Lever Adjusting Screw, for 18563 .....
130D	1783	Looper Carrier Bracket Screw ....
144D	1781	Arm Shaft (horizontal) Screw ....
147C	1783	Needle Bar Frame Connecting Rod Ball Screw .....
155C	1783	Needle Bar Connecting Stud Set Screw, for 7448 .....
159D	1783	Cutting Block Arm Ratchet Wheel Retaining Spring Latch Screw ..
159D	1783	Tension (upper thread) and Spool Bracket Screw .....

## Numerical List of Parts

No.	Plate	Name
159D	1783	Thread (under) Spool Bracket Screw
176D	1783	Clamp Arm (upper) Screw, for 10829, 10830, 10944 and 10954 .....
176D	1783	Face Plate Screw .....
176D	1783	Feed Regulator Screw .....
192D	1781	Clamp Arm (upper) Screw, for 10844 and 10956 .....
209F	1783	Knife Set Screw, for 10547, 10549, 10551 and 10632 .....
209F	1783	Looper Carrier Crank Set Screw ..
209F	1783	Needle Bar Thread Take-up Set Screw, for 10096 .....
209F	1783	Needle Clamp Set Screw, for 10110
220D	1783	Clamp Arm (upper) Connecting Yoke Link Screw, for 10171 .....
223E	1783	Clamp Crank Shaft Bracket Screw (small), for 10829, 10830, 10844, 10944, 10954 and 10956 .....
224D	1783	Clamp Guide Pin Lifter Stop Screw, for 10844 and 10956 .....
224F	1783	Looper Screw .....
231C	1783	Bed Plate Clamp Stop Screw, for 18800 and 18802 .....
233D	1783	Clamp Guide Pin Lifter Spring Screw, for 10829, 10830, 10844, 10944, 10954 and 10956 .....
233D	1783	Looper Carrier Needle Guard Screw
233D	1783	Needle Bar Thread Take-up Roller Cap Screw, for 10096 .....
236F	1783	Thread (upper) Take-up Spring Screw .....
240D	1783	Clamp Thread Catch Screw, for 10829, 10830, 10844, 10944, 10954 and 10956
240D	1783	Spreader (right) Stop Screw, for 10459, 10888 and 18568 .....
247F	1783	Clamp Arm (upper) Adjusting Slide Screw, for 10829, 10830, 10844, 10944, 10954 and 10956 .....
290E	1783	Needle Bar Screw Bushing .....
293C	1785	Knife Holder Lifting Rock Shaft Screw Center .....
304C	1783	Cutting Block Arm Screw Center ..
306C	1783	Needle Bar Frame Screw Center (upper) .....
307C	1783	Needle Bar Frame Bell Crank Screw Center .....
307C	1783	Needle Bar Frame Screw Center (lower) .....

## Numerical List of Parts

No.	Plate	Name
333D	1783	Thread (under) Cord Guide Screw..
357F	1783	Feed Wheel Driving Lever Block Ad- justing Screw .....
378C	1783	Looper Carrier Pitman Hinge Screw
389F	1783	Bed Plate Screw .....
390C	1783	Needle Bar Connecting Link Adjust- ing Screw, for 10091 .....
390C	1783	Needle Bar Frame Connecting Rod Adjusting Screw, for 10103 .....
397E	1783	Clamp Crank Shaft Bracket Screw (large), for 10829, 10830, 10844, 10944, 10954 and 10956 .....
399F	1783	Bed Plate Clamp Guide Slide Guide Screw, for 10024 .....
401E	1783	Feed Wheel Cam Groove Protector Screw (long), for 10479, 10481, 10483, 10485, 10487, 10489, 10491, 10495, 10957, 10958, 18506 and 18569
402D	1783	Clamp Arm (lower) Front Guide Screw, for 10829, 10830, 10844, 10944, 10954 and 10956 .....
405E	1783	Bed Plate Button Screw, for 18753, 18754 and 18799 .....
405E	1783	Bed Plate Protector Screw, for 18753, 18754, 18799 and 18801 .....
415D	1783	Tension (upper thread) Stud, for 10146 .....
429C	1783	Feed Wheel Driving Lever Support- ing Screw .....
430C	1783	Feed Wheel Friction Block Spring Adjusting Screw .....
435C	1783	Thread (upper) Nipper Cam Set Screw, for 10567 .....
444F	1783	Cutting Block Set Screw .....
445C	1783	Feed and Looper Cam Set Screw, for 10038 .....
445C	1783	Needle Bar Frame Cam Set Screw, for 10101 .....
448C	1783	Balance Wheel Set Screw, for 10010
450C	1783	Knife Holder Hinge Pin Set Screw..
453C	1783	Arm Shaft (horizontal) Gear Set Screw, for 18820 .....
453C	1783	Arm Shaft (upright) Gear Set Screw, for 18821 .....
453C	1783	Knife Holder Adjusting Collar Set Screw, for 10552 .....
487D	1780	Thread (under) Spool Spindle, 4 in. long .....

## Numerical List of Parts

No.	Plate	Name
488D	1780	Thread (under) Spool Spindle, 3½ in. long .....
488D	1780	Thread (upper) Spool Spindle, 3½ in. long, for 10146 .....
664D	1781	Spreader (left) Stop Serew, for 10459, 10888 and 18568 .....
665D	1781	Needle Clamp Thread Gulde Screw, for 10110 .....
756E	1783	Feed Wheel Cam Groove Protector Screw (short), for 10479, 10481, 10483, 10485, 10487, 10491, 10495, 10957, 18506 and 18569 .....
759F	1783	Thread (under) Spool Spindle Outside Cone Thumb Screw, for 8039
759F	1783	Thread (upper) Spool Spindle Outside Cone Thumb Screw, for 8039
771D	1783	Arm Side Plate Thumb Screw, for 10451 .....
1071C	1781	Eye Stop Adjusting Screw .....
1153C	1783	Thread (upper) Nipper Disc Screw Stud .....
1501E	1785	Knife Holder Lifting Rock Shaft Screw Center Nut .....
1513E	1783	Cutting Block Arm Screw Center Nut
1513E	1783	Feed Wheel Driving Lever Supporting Screw Nut .....
1513E	1783	Needle Bar Frame Bell Crank Serew Center Nut .....
1513E	1783	Needle Bar Frame Screw Center Nut
1514E	1783	" " " Regulating Screw Stud Nut .....
1518E	1783	Eye Stop Adjusting Screw Nut ....
1520E	1781	Feed Wheel Driving Lever Block Adjusting Serew Nut .....
1520E	1781	Feed Wheel Friction Block Spring Adjusting Screw Nut .....
1520E	1781	Looper Carrier Pitman Hinge Screw Nut .....
1547D	1783	Thread (upper) Nipper Disc Regulating Thumb Nut Lock Nut .....
1547D	1783	Thread (upper) Nipper Disc Serew Stud Nut .....
1560C	1781	Tension (under thread) Regulating Thumb Nut .....
1560C	1781	Tension (upper thread) Regulating Thumb Nut, for 10146 .....
1645E	1783	Thread (upper) Nipper Disc Regulating Thumb Nut .....

## Numerical List of Parts

No.	Plate	Name
1805	1781	Feed Driving Bell Crank Lever Roller and Stud, for 10028 .....
1807	1781	Looper Driving Bell Crank Roller and Stud, for 10129 .....
1813	1781	Needle Bar Frame Bell Crank Roller and Stud, for 10099 .....
1814	1781	Feed Shipper Lever Roller and Stud, for 18894 .....
1821	1781	Thread (upper) Nipper Arm Roller and Stud .....
1824	1781	Looper Carrier Roller and Stud, for 10121 .....
1827	1781	Bed Plate Clamp Gulde Slide Roller and Stud, for 10020 .....
2077	1781	Looper Carrier Pin .....
2102	1779	Tension (under thread) Disc .....
2102	1779	" (upper thread) Disc, for 10146
2103	1781	" " " Spring, for 10146
2117	1781	Arm Shaft (horizontal) Gear Pin ..
2117	1781	" " (upright) Gear Pin .....
3012	1781	Thread (upper) Nipper Cam Pin ..
5569	1779	Feed Hand Ratchet Pawl Spring ..
5569	1779	" Wheel Brake Dog Spring ....
7448	1779	Needle Bar Connecting Stud 7548 with 155C .....
7548	—	Needle Bar Connecting Stud, for 7448
7958	1781	Looper Carrier Crank Pin .....
8039	1779	Thread (under) Spool Spindle Outside Cone 8064 with 759F .....
8039	1779	Thread (upper) Spool Spindle Outside Cone 8064 with 759F, for 10146
8064	—	Thread (upper) Spool Spindle Outside Cone, for 8039 .....
8064	—	Thread (under) Spool Spindle Outside Cone, for 8039 .....
8582	1781	Arm Dowel Pin .....
8734	1779	Feed Wheel Driving Lever Spring..
8800	1781	Thread (upper) Nipper Disc .....
10002	1786	Arm Shaft (horizontal) .....
10004	1779	" " " Gear with 453C (obsolete) .....
10005	1786	Arm Shaft (upright) .....
10007	1787	" " " Gear with 453C (obsolete) .....
*10008	—	Arm Side Plate, for 10451 .....
10010	1778	Balance Wheel, 2½ in. pulley, with two 448C .....



Nos. 10020 to 10023, for 10024.

No.	Plate	Name
10020	1779	Bed Plate Clamp Guide Slide with 1827 .....
10021	1779	Bed Plate Clamp Guide Slide Guide
10022	1781	" " " " " Spring Stop Stud .....
10023	1779	Bed Plate Clamp Guide Slide Spring
10024	1779	Bed Plate Clamp Guide complete, Nos. 10020, 10022, 10023, two 10021 and four 399F, for 18753 and 18754 ..
10026	1778	Face Plate .....
10028	1786	Feed Driving Bell Crank Lever with 1805 .....
10029	1779	Feed Wheel Friction Block .....
10030	1779	" " " " " Spring ..
10031	1787	" Hand Ratchet Lever, for 10036
10032	1779	" " " " " Handle, for 10036 .....
10033	1779	Feed Hand Ratchet Pawl with 10035 (obsolete) .....
10034	1781	Feed Hand Ratchet Pawl Hinge Stud, for 10036 .....
10035	1781	Feed Hand Ratchet Pawl Spring Hook, for 10033 .....
10035	1781	Feed Wheel Brake Dog Spring Hook
10036	1787	Feed Hand Ratchet complete, Nos. 10031, 10032, 10034 and 18790 ....
10038	1786	Feed and Looper Cam with two 445c
10041	1779	" Regulator (long) .....
10059	1779	" Wheel Brake Dog with 10060 ..
10060	1781	" " " " Stud, for 10059
10061	1780	" Hand Ratchet Pawl Spring Pin, for Bed .....
10061	1780	Feed Wheel Driving Lever Spring Pin
10062	—	" " " " (obsolete)
10063	1779	" " " " Block ....
10081	—	" " Lateh, $\frac{1}{2}$ in., for 10479 ..
10082	1779	" " " $\frac{3}{8}$ in., for 10481 ..
10083	—	" " " $\frac{5}{8}$ in., for 10483 ..
10084	—	" " " $\frac{1}{2}$ in., for 10485 ..
10085	—	" " " $\frac{3}{4}$ in., for 10487 ..
10086	—	" " " $\frac{7}{8}$ in., for 10489 ..
10087	—	" " " 1 in., for 10491 ..
10088	1778	Needle Bar, for 10089 .....
10089	1778	Needle Bar complete, Nos. 10088, 10096, 10108 and 10110 .....
10091	1779	Needle Bar Connecting Link with two 390c .....

Nos. 10093 to 10095, for 10096.

No.	Plate	Name
10093	1779	Needle Bar Thread Take-up with 10114 .....
10094	1781	Needle Bar Thread Take-up Roller ..
10095	1781	" " " " " Cap
10096	1779	Needle Bar Thread Take-up complete, Nos. 209F, 233D and 10093 to 10095, for 10089 .....
10097	—	Needle Bar Frame (obsolete) .....
10099	1778	" " " Bell Crank with 1813 .....
10101	1779	Needle Bar Frame Cam with two 445c .....
10103	1778	Needle Bar Frame Connecting Rod with 390c .....
10104	1781	Needle Bar Frame Connecting Rod Ball .....

Nos. 10105 to 10107, for 10110.

10105	1781	Needle Clamp .....
10106	1781	" " Disc .....
10107	1781	" " Spring .....
10108	1781	" " Gib, for 10089 .....
10109	1781	" " Thread Guide, for 10110
10110	1781	Needle Clamp complete, Nos. 93H, 209F, 665D, 10105, 10107, 10109 and two 10106, for 10089 .....
10111	1781	Thread (under) Spool Spindle Inside Cone .....
10111	1781	Thread (upper) Spool Spindle Inside Cone, for 10146 .....
10112	1781	Thread (under) Spool Spindle Inside Cone Spring .....
10112	1781	Thread (upper) Spool Spindle Inside Cone Spring, for 10146 .....
10114	1781	Needle Bar Thread Take-up Roller Pin, for 10093 .....
10116	1779	Table Bracket Machine Holder Pin, for 10216 .....
10118	1781	Looper (long) .....
10119	1781	" (short) .....
10121	1779	" Carrier with 1824 .....
10122	1787	" " Bracket .....
10123	1779	" " Crank .....
10125	1781	" " Needle Guard .....
10127	1778	" " Pitman .....
10129	1786	" Driving Bell Crank with 1807
10130	1779	" Carrier Shaft .....



No.	Plate	Name
10132	1779	Spreader (right) with 99c and 10136, for 18753 and 18754 .....

Nos. 10134 to 10136, for 18753 and 18754.

10134	1779	Spreader (left) with 99c and 10136
10135	1781	" Spring .....
10136	1781	" " Hook; also for 10132 and 10134 .....
10137	1779	Thread (upper) Nipper Arm .....
10140	1779	" " " Lever .....
10141	1781	" " " Spring..
10144	1778	Tension (upper thread) and Spool Bracket, for 10146 .....
10145	1781	Tension (under thread) Thread Guide
10145	1781	" (upper thread) Thread Guide, for 10146 .....
10145	1781	Thread (under) Thread Guide .....
10146	—	Tension (upper thread) and Spool Bracket complete, Nos. 415D, 488D, 1560c, 2103, 8039, 10111, 10112, 10144, 10145 and two 2102 .....
10147	1778	Thread (under) Spool Bracket .....
10148	1781	Tension (under thread) Spring .....
10149	1779	Thread (under) Take-up Spring .....
10150	1779	" " Cord Guide .....
10151	1779	" (upper) Take-up Spring .....
10152	1781	Face Plate Thread Guide .....
10157	1781	Clamp Arm (lower) Front Guide Dowel Pin, for 10829, 10830, 10844, 10944, 10954 and 10956 .....
10157	1781	Clamp Check Hinge Pin, for 10829, 10830, 10844, 10944, 10954 and 10956
10157	1781	Clamp Guide Pin Lifter Stop Pin, for 10829, 10944 and 10954 .....

Nos. 10158 to 10161, for 10829, 10830, 10844, 10944, 10954 and 10956.

10158	1780	Clamp Arm (lower) Rear Guide (right) .....
10159	1780	Clamp Arm (lower) Rear Guide (left)
10160	1781	" " " " (right) Rivet .....
10161	1783	Clamp Arm (lower) Rear Guide (left) Rivet .....
10164	1780	Clamp Arm (upper) Adjusting Slide, for 10829, 10830, 10944 and 10954
10165	1781	Clamp Arm (upper) Adjusting Slide Steady Pin, for 10822 and 10823

Nos. 10170 to 10174, for 10829, 10830, 10944 and 10954.

No.	Plate	Name
10170	1780	Clamp Arm (upper) Connecting Yoke; also for 10844 and 10956 .....
10171	1780	Clamp Arm (upper) Connecting Yoke Link with two 220b; also for 10844 and 10956 .....
10172	1780	Clamp Arm (upper) Hinge .....
10173	1783	" " " " Pin; also for 10844 and 10956 .....
10174	1780	Clamp Arm Spreader; also for 10844 and 10956 .....

Nos. 10176 to 10185, for 10829, 10830, 10944 and 10954.

10176	1780	Clamp Arm Spreader Link; also for 10844 and 10956 .....
10177	1780	Clamp Crank Shaft; also for 10844 and 10956 .....
10178	1780	Clamp Crank Shaft Bracket (right)
10179	1780	" " " " (left) ..
10180	1780	" " " Lever .....
10181	1783	" " " " Pin; also for 10844 and 10956 .....
10182	1780	Clamp Guide Pin; also for 10844 and 10956 .....
10183	1780	Clamp Guide Pin Lifter .....
10184	1780	" " " " Spring; also for 10844 and 10956 .....
10185	1780	Clamp Guide Pin Post .....
10187	1783	" Thread Catch, for 10829, 10830, 10844, 10944, 10954 and 10956 ...
10195	1780	Clamp Arm (upper) Spring, for 10829, 10830, 10844, 10944, 10954 and 10956
10215	1785	Feed Wheel Driving Lever Block (Hamburgh style) .....
10216	1786	Table Bracket Machine Holder (right) with 10116 and three wood screws 1½ in., No. 14, R.H.B. ...
10248	1783	Clamp Arm (upper) Adjusting Slide Steady Pin, for 10832 and 10833 ..
10299	1785	Feed Wheel Tripping Point (obsolete)
10384	1785	Spreader Cam Fixture (obsolete) ..
*10451	—	Arm with 771D and 10008 .....
10452	1786	Cutting Block Arm .....
10453	1782	" " " Ratchet Wheel..
10454	1782	" " " " " Re- taining Spring Latch .....

No.	Plate	Name
10455	1787	Cutting Block Arm Spring .....
*10456	—	Bed .....
10459	—	" Plate Button with 240D and 664D (obsolete) .....
10460	—	Bed Plate complete, Nos. 10024, 10132, 10134, 10457, 18568, two each 10135, 10136 and three 405E (obsolete) ..
10461	1781	Bed Plate Dowel Pin .....
10462	1781	" " Stud (obsolete) .....
10463	1782	Cutting Block (brass), $\frac{3}{8}$ in. (obso- lete) .....
10464	1782	Cutting Block (brass), $\frac{3}{8}$ in., for 10547
10465	1782	" " " $\frac{3}{8}$ in., for 10547
10466	1782	" " " $\frac{3}{8}$ in., for 10549
10467	1782	" " " 1 in., for 10549
10468	1785	Eye Stop (obsolete) .....

Nos. 10469 to 10474, for 10551.

10469	1782	Cutting Block (brass), $\frac{3}{8}$ inch .....
10470	1782	" " " 1 inch .....
10471	1782	" " " $1\frac{1}{8}$ inch .....
10472	1782	" " " $1\frac{1}{4}$ inch .....
10473	1782	" " " $1\frac{3}{8}$ inch .....
10474	1782	" " " $1\frac{1}{2}$ inch .....
10477	1787	Feed Shipper Lever with 1814, for buttonholes $1\frac{3}{8}$ and $1\frac{1}{2}$ in. long ..
10479	—	Feed Wheel with 10081, 10504, 10505, two each 401E and 756E, for $\frac{1}{2}$ in. buttonhole .....
10481	—	Feed Wheel with 10082, 10506, 10507, two each 401E and 756E, for $\frac{1}{8}$ in. buttonhole .....
10483	—	Feed Wheel with 10083, 10508, 10509, two each 401E and 756E, for $\frac{5}{8}$ in. buttonhole .....
10485	—	Feed Wheel with 756E, 10084, 10510, 10511 and three 401E, for $1\frac{1}{8}$ in. buttonhole .....
10487	—	Feed Wheel with 756E, 10085, 10512, 10513 and three 401E, for $\frac{3}{4}$ in. buttonhole .....
10489	—	Feed Wheel with 10086, 10514, 10515 and four 401E, for $\frac{3}{4}$ in. buttonhole
10491	—	Feed Wheel with 756E, 10087, 10516, 10517 and three 401E, for 1 in. but- tonhole .....
10493	—	Feed Wheel with 10520, for $1\frac{1}{8}$ in. buttonhole (obsolete) .....

No.	Plate	Name
10495	—	Feed Wheel with 401E, 10518, 10519, 10521 and three 756E, for $1\frac{1}{8}$ in. buttonhole .....
10497	—	Feed Wheel with 10522, for $1\frac{1}{4}$ in. buttonhole (obsolete) .....
10499	—	Feed Wheel with 10523, for $1\frac{3}{8}$ in. buttonhole (obsolete) .....
10501	—	Feed Wheel with 10524, for $1\frac{1}{8}$ in. buttonhole (obsolete) .....
10502	1782	Cutting Block (brass), $\frac{3}{8}$ in., for 10551
10504	1785	Feed Wheel Cam Groove Protector, $\frac{1}{2}$ in. (inside), for 10479 .....
10505	1785	Feed Wheel Cam Groove Protector, $\frac{1}{2}$ in. (outside), for 10479 .....
10506	—	Feed Wheel Cam Groove Protector, $\frac{1}{8}$ in. (inside), for 10481 .....
10507	—	Feed Wheel Cam Groove Protector, $\frac{1}{8}$ in. (outside), for 10481 .....
10508	—	Feed Wheel Cam Groove Protector, $\frac{5}{8}$ in. (inside), for 10483 .....
10509	—	Feed Wheel Cam Groove Protector, $\frac{5}{8}$ in. (outside), for 10483 .....
10510	—	Feed Wheel Cam Groove Protector, $1\frac{1}{8}$ in. (inside), for 10485 .....
10511	—	Feed Wheel Cam Groove Protector, $1\frac{1}{8}$ in. (outside), for 10485 .....
10512	—	Feed Wheel Cam Groove Protector, $\frac{3}{4}$ in. (inside), for 10487 .....
10513	—	Feed Wheel Cam Groove Protector, $\frac{3}{4}$ in. (outside), for 10487 .....
10514	—	Feed Wheel Cam Groove Protector, $\frac{3}{4}$ in. (inside), for 10489 .....
10515	—	Feed Wheel Cam Groove Protector, $\frac{3}{4}$ in. (outside), for 10489 .....
10516	—	Feed Wheel Cam Groove Protector, 1 in. (inside), for 10491 .....
10517	—	Feed Wheel Cam Groove Protector, 1 in. (outside), for 10491 .....
10518	—	Feed Wheel Cam Groove Protector, $1\frac{1}{8}$ in. (inside), for 10495 .....
10519	—	Feed Wheel Cam Groove Protector, $1\frac{1}{8}$ in. (outside), for 10495 .....
10520	—	Feed Wheel Latch, $1\frac{1}{8}$ in., for 18506
10521	—	" " " $1\frac{1}{8}$ in., for 10495
10522	1779	" " " $1\frac{1}{4}$ in. (obsolete), for 10497 .....
10523	—	Feed Wheel Latch, $1\frac{3}{8}$ in., for 10499 and 18569 .....

No.	Plate	Name
10524	—	Feed Wheel Latch, 1½ in., for 10501 and 10958 .....
10526	—	Knife, ½ in. (large size eye) .....
10527	1782	" ¾ in. (large size eye) .....
10528	1782	" ¾ in. (large size eye) .....
10529	—	" 1¼ in. (large size eye) .....
10530	1782	" ¾ in. (large size eye) .....
10531	—	" ¾ in. (large size eye) .....
10532	1782	" 1 in. (large size eye) .....
10533	—	" 1½ in. (large size eye) .....
10534	1782	" 1½ in. (large size eye) .....
10535	1782	" 1½ in. (large size eye) .....
10536	—	" ½ in. (small size eye) .....
10537	—	" ⅞ in. (small size eye) .....
10538	—	" ¾ in. (small size eye) .....
10539	—	" 1¼ in. (small size eye) .....
10540	—	" ¾ in. (small size eye) .....
10541	—	" ¾ in. (small size eye) .....
10542	—	" 1 in. (small size eye) .....
10543	—	" 1½ in. (small size eye) .....
10544	—	" 1½ in. (small size eye) .....
10545	—	" 1½ in. (small size eye) .....
10547	1784	" Holder with 209F and two 10556, for 10528 to 10530 and 10538 to 10540
10549	1787	Knife Holder with 209F and two 10556, for 10531, 10532, 10541 and 10542
10551	1787	Knife Holder with 209F and two 10556, for 10533 to 10535 and 10543 to 10545
10552	1782	Knife Holder Adjusting Collar with 453C .....
10553	1782	Knife Holder Connecting Link .....
10554	1781	" " " " Pin ..
10555	1787	" " Hinge Pin .....
10556	1780	" Position Pin, for 10547, 10549, 10551 and 10632 .....
10557	1778	Needle Bar Frame .....
10558	1779	Feed Regulator (reverse) .....
10559	1779	" " (short) .....
10560	1786	Knife Holder Lifting Rock Shaft ...
10561	1787	" " " " " Con- necting Link .....
10562	1781	Knife Holder Lifting Rock Shaft Con- necting Link Pin .....
10563	1786	Table Bracket Machine Holder (left) with four wood screws 1½ in., No. 14, R.H.B. ....
10564	—	Thread (upper) Cord Guide with three 10574 (obsolete) .....
10567	1787	Thread (upper) Nipper Cam with 435C .....

No.	Plate	Name
10568	1779	Thread (upper) Nipper Link .....
10569	—	Tension (upper thread) and Spool Bracket, for upper corder (obso- lete), for 10570 .....
10570	—	Tension (upper thread) and Spool Bracket complete, for upper corder, Nos. 415D, 487D, 488D, 1560C, 2103, 10145, 10569, two each 2102, 8039, 10111 and 10112 (obsolete) .....
10574	1781	Thread (upper) Cord Guide Eyelet (obsolete), for 10564 and 18546 ..
10632	1784	Knife Holder with 209F and two 10556, for 10526, 10527, 10536 and 10537 .....

Nos. 10817 to 10820, for 10829, 10830, 10844,  
10944, 10954 and 10956.

10817	1780	Clamp Arm (lower, right) .....
10818	1780	" " (lower, left) .....
10819	1780	" " (lower) Front Guide (right) .....
10820	1780	Clamp Arm (lower) Front Guide (left) .....

Nos. 10821 to 10823, for 10829, 10830, 10944  
and 10954.

10821	1787	Clamp Arm Spreader Lever .....
10822	1780	" " (upper, right) with 10165
10823	1780	" " (upper, left) with 10165
10824	1780	" Check (right), 1½ in., for 10830, 10954 and 10956 .....
10825	1780	Clamp Check (left), 1½ in., for 10830, 10954 and 10956 .....

Nos. 10826 to 10828, for 10829 and 10844.

10826	1785	Clamp Check (right), 1½ in.; also for 10944 .....
10827	1785	Clamp Check (left), 1½ in.; also for 10944 .....
10828	1778	Clamp Plate; also for 10830 and 10956
10829	—	Clamp, 1½ in., complete, Nos. 99E, 103D, 105D, 109D, 233D, 240D, 10158, 10159, 10170, 10171, 10174, 10176 to 10185, 10187, 10817 to 10823, 10826 to 10828, two each 176D, 223E, 247F, 397E, 402D, 10160, 10161, 10164, 10172, 10173, 10195 and five 10157

## Numerical List of Parts

No.	Plate	Name
10830	1778	Clamp, 1½ in., complete, Nos. 99E, 103D, 105D, 109D, 233D, 240D, 10158, 10159, 10170, 10171, 10174, 10176 to 10185, 10187, 10817 to 10825, 10828, two each 176D, 223E, 247F, 397E, 402D, 10160, 10161, 10164, 10172, 10173, 10195 and five 10157 .....

Nos. 10832 to 10839, for 10844 and 10956.

10832	1785	Clamp Arm (upper, right) with 10248
10833	1785	" " (upper, left) with 10248
10834	1785	" " (upper) Adjusting Slide
10835	1785	" " " Hinge .....
10836	1781	" " " Dowel Pin .....
10837	1785	" Crank Shaft Bracket (right) ..
10838	1785	" " " " (left) ....
10839	1785	" " " Lever .....

Nos. 10841 to 10843, for 10844 and 10956.

10841	1785	Clamp Guide Pin Lifter .....
10842	1785	" " " " Stop .....
10843	1785	" Arm Spreader Lever .....
10844	—	Clamp, 1¼ in., complete, Nos. 99E, 103D, 105D, 109D, 224D, 233D, 240D, 10158, 10159, 10170, 10171, 10174, 10176, 10177, 10181, 10182, 10184, 10187, 10817 to 10820, 10826 to 10828, 10832, 10833, 10837 to 10839, 10841 to 10843, 10845, two each 192D, 223E, 247F, 397E, 402D, 10160, 10161, 10173, 10195, 10834, 10835, four each 10157 and 10836, for military work
10845	1785	Clamp Guide Pin Post, for 10844 and 10956 .....
10875	1778	Wrench, for 1518 and 1520 .....
10876	1778	" " 357 and 1513 .....
10877	1778	" " 10453 .....
10888	1785	Bed Plate Button (Chicago style) with 240D and 664D .....
10893	1785	Eye Stop, for 10547 and 10549 ....
10944	—	Clamp, 1¼ in., complete, Nos. 99E, 103D, 105D, 109D, 233D, 240D, 10158, 10159, 10170, 10171, 10174, 10176 to 10185, 10187, 10817 to 10823, 10826, 10827, 18578, two each 176D, 223E, 247F, 397E, 402D, 10160, 10161, 10164, 10172, 10173, 10195 and five 10157

## Numerical List of Parts

No.	Plate	Name
10954	—	Clamp, 1½ in., complete, Nos. 99E, 103D, 105D, 109D, 233D, 240D, 10158, 10159, 10170, 10171, 10174, 10176 to 10185, 10187, 10817 to 10825, 18578, two each 176D, 223E, 247F, 397E, 402D, 10160, 10161, 10164, 10172, 10173, 10195 and five 10157 .....
10956	—	Clamp, 1½ in., complete, Nos. 99E, 103D, 105D, 109D, 224D, 233D, 240D, 10158, 10159, 10170, 10171, 10174, 10176, 10177, 10181, 10182, 10184, 10187, 10817 to 10820, 10824, 10825, 10828, 10832, 10833, 10837 to 10839, 10841 to 10843, 10845, two each 192D, 223E, 247F, 397E, 402D, 10160, 10161, 10173, 10195, 10834, 10835, four each 10157 and 10836, for military work
10957	1786	Feed Wheel with 401E, 10962, 10963, 10967 and three 756E, for 1¼ in. buttonhole .....
10958	—	Feed Wheel with 10524, 10964, 10965 and four 401E, for 1½ in. buttonhole
10962	—	Feed Wheel Cam Groove Protector, 1¼ in. (inside), for 10957 .....
10963	—	Feed Wheel Cam Groove Protector, 1¼ in. (outside), for 10957 .....
10964	—	Feed Wheel Cam Groove Protector, 1½ in. (inside), for 10958 .....
10965	—	Feed Wheel Cam Groove Protector, 1½ in. (outside), for 10958 .....
10967	—	Feed Wheel Latch, 1¼ in., for 10957
10986	—	Spreader Cam Adjusting Slide (thin) (obsolete), for 10384 .....
18506	—	Feed Wheel with 10520, 18507, 18508, two each 401E and 756E, for 1½ in. buttonhole .....
18507	—	Feed Wheel Cam Groove Protector, 1½ in. (inside), for 18506 .....
18508	—	Feed Wheel Cam Groove Protector, 1½ in. (outside), for 18506 .....
18545	1781	Bed Plate Spring Guide (obsolete)
18546	1779	Thread (upper) Cord Guide with three 10574 (obsolete) .....
18548	1782	Cutting Block (brass), ½ in., for 10551
18557	1785	Clamp Check Presser Spring (obsolete) .....
18563	1778	Feed Wheel Driving Lever with 129E
18568	1779	Bed Plate Button with 240D and 664D, for 18753 and 18754 .....

No.	Plate	Name
18569	—	Feed Wheel with 10523, 18570, 18571, two each 401k and 756k, for $1\frac{1}{8}$ in. buttonhole .....
18570	—	Feed Wheel Cam Groove Protector, $1\frac{1}{8}$ in. (inside), for 18569 .....
18571	—	Feed Wheel Cam Groove Protector, $1\frac{1}{8}$ in. (outside), for 18569 .....
18576	1785	Eye Stop, for 10632 .....
18578	1784	Clamp Plate, for 10944 and 10954 ..
18619	1785	Bed Plate Protector, for $1\frac{1}{8}$ to $1\frac{1}{2}$ in. buttonholes, for 18799 .....
18620	1785	Bed Plate Protector (left), for $\frac{1}{2}$ to 1 in. buttonholes, for 18801 .....
18621	1785	Bed Plate Protector (right), for $\frac{1}{2}$ to 1 in. buttonholes, for 18801 .....
Nos. 18622 to 18625 (obsolete).		
18622	1786	Bed Plate with two 18619 and four 405k, for $1\frac{1}{8}$ to $1\frac{1}{2}$ in. buttonholes .....
18623	—	Bed Plate with 18620, 18621 and four 405k, for $\frac{1}{2}$ to 1 in. buttonholes ..
18624	—	Bed Plate complete, for $1\frac{1}{8}$ to $1\frac{1}{2}$ in. buttonholes, Nos. 10024, 10132, 10134, 18568, 18622, two each 10135, 10136 and three 405k .....
18625	—	Bed Plate complete, for $\frac{1}{2}$ to 1 in. buttonholes, Nos. 10024, 10132, 10134, 18568, 18623, two each 10135, 10136 and three 405k .....
18750	1782	Cutting Block (brass), $\frac{1}{2}$ in., for 10632 .....
18751	1782	" " " $\frac{3}{8}$ in., for 10632 .....
18752	1783	Bed Plate Clamp Stop Stud, for 18797 and 18798 .....
18753	—	Bed Plate complete, for $1\frac{1}{8}$ to $1\frac{1}{2}$ in. buttonholes, Nos. 10024, 10132, 10134, 18568, 18800, two each 10135, 10136 and three 405k .....
18754	—	Bed Plate complete, for $\frac{1}{2}$ to 1 in. buttonholes, Nos. 10024, 10132, 10134, 18568, 18802, two each 10135, 10136 and three 405k .....
18790	1784	Feed Hand Ratchet Pawl with 18791, for 10036 .....
18791	1783	Feed Hand Ratchet Pawl Spring Hook, for 18790 .....
18797	1784	Bed Plate Clamp Stop (left) with 18752, for 18800 and 18802 .....
18798	1784	Bed Plate Clamp Stop (right) with 18752, for 18800 and 18802 .....

No.	Plate	Name
18799	1786	Bed Plate with two 18619 and four 405k, for $1\frac{1}{8}$ to $1\frac{1}{2}$ in. buttonholes, for 18800 .....
18800	—	Bed Plate 18799 with 18797, 18798 and four 231c, for 18753 .....
18801	—	Bed Plate with 18620, 18621 and four 405k, for $\frac{1}{2}$ to 1 in. buttonholes, for 18802 .....
18802	—	Bed Plate 18801 with 18797, 18798 and four 231c, for 18754 .....
18820	1784	Arm Shaft (horizontal) Gear with 453c .....
18821	1784	Arm Shaft (upright) Gear with 453c .....
18876	—	Needle Bar Packing Cord .....
18894	—	Feed Shipper Lever with 1814, for buttonholes from $\frac{1}{2}$ to $1\frac{1}{8}$ in. long .....
26026	1784	Screw Driver, Nos. 120088 and 120090 .....
35143	1784	Tweezers, 4 in. long .....
36569	—	Oiler with 36571, for 36570 .....
36570	—	" 36569 filled with oil .....
36571	—	" Spout, $1\frac{1}{8}$ in. long, with 36807, for 36569 .....
36807	—	Oiler Spout Washer (leather), for 36571 .....
590210	—	Tension (under thread) Screw Stud .....
*120088	—	Screw Driver Blade, for 26026 .....
*120090	—	" " Handle, for 26026 .....

**ILLUSTRATIONS OF PARTS**

**FOR**

**MACHINE No. 23-8**



PLATE 1778—ONE-FOURTH SIZE

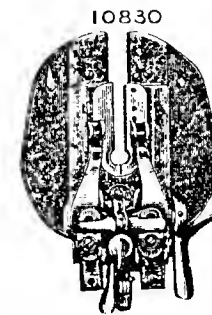
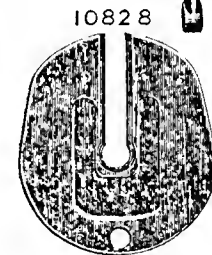
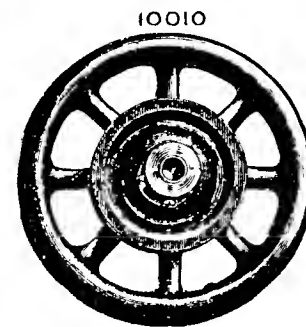


PLATE 1779—ONE-HALF SIZE

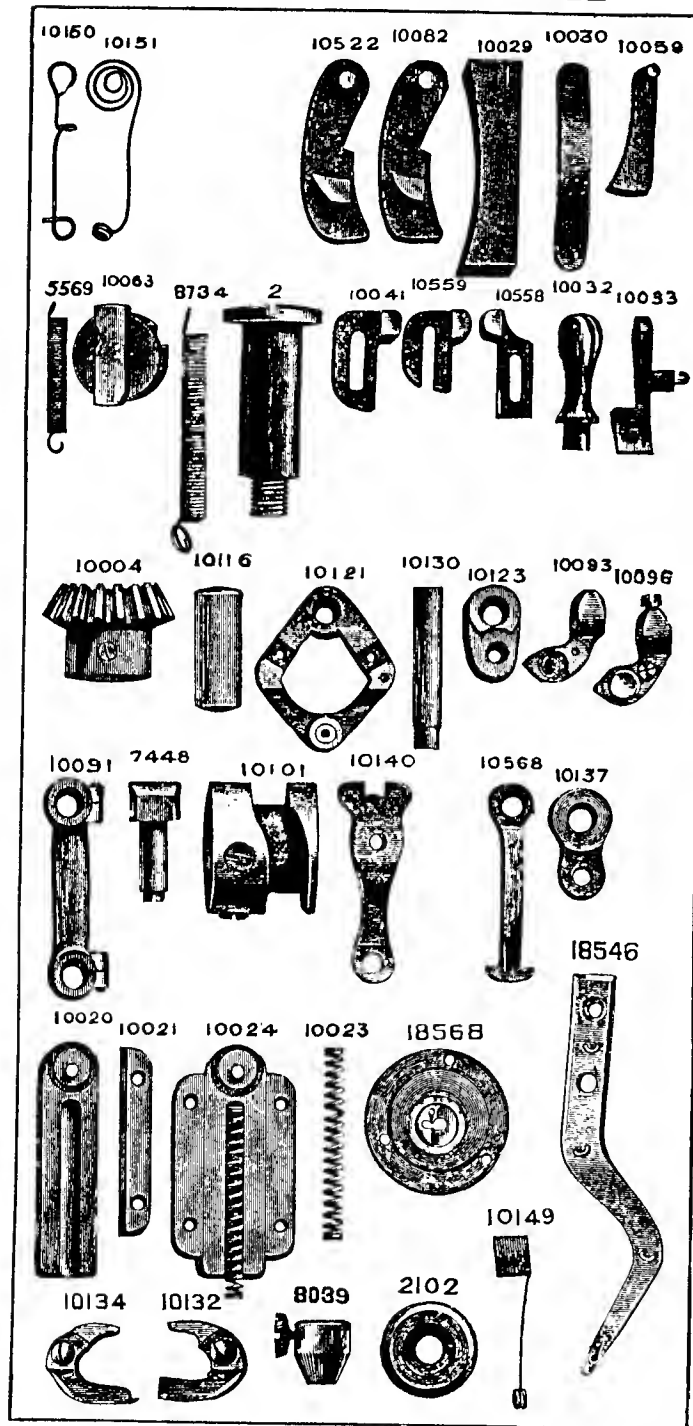


PLATE 1780—ONE-HALF SIZE

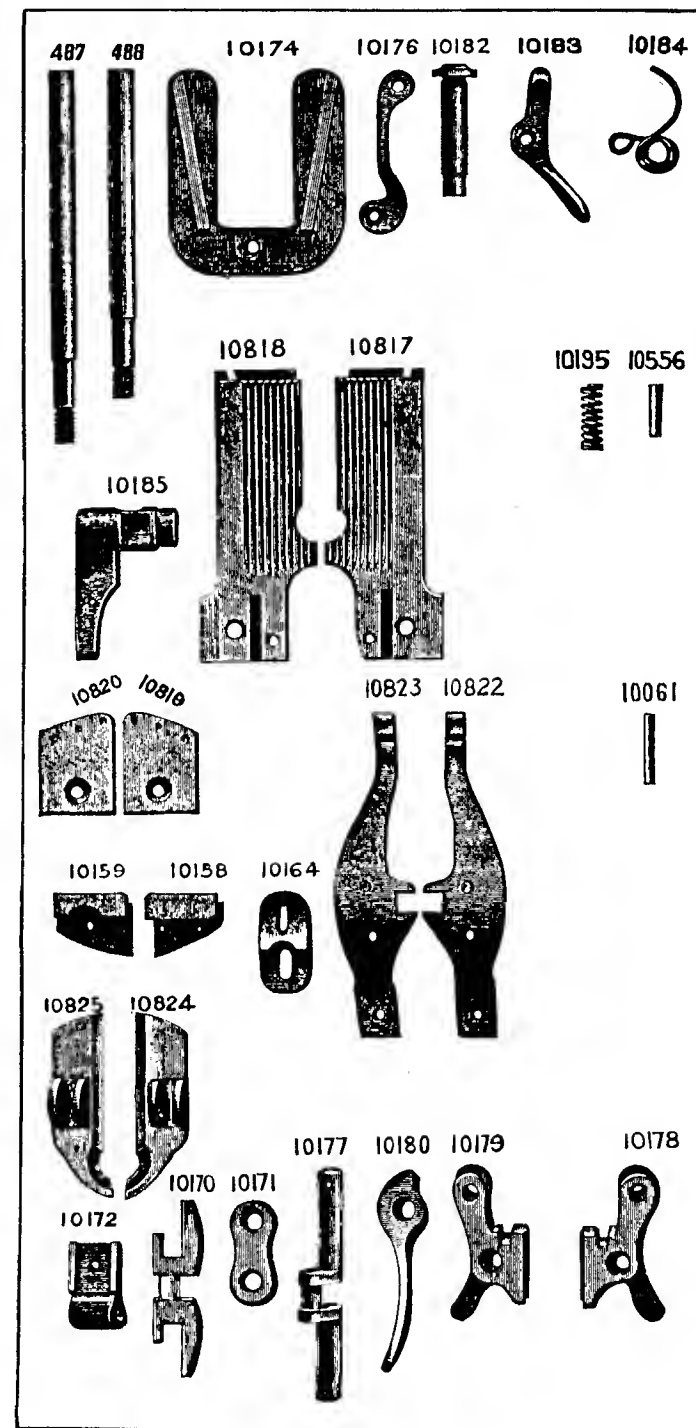




PLATE 1781—ONE-SIXTH SIZE

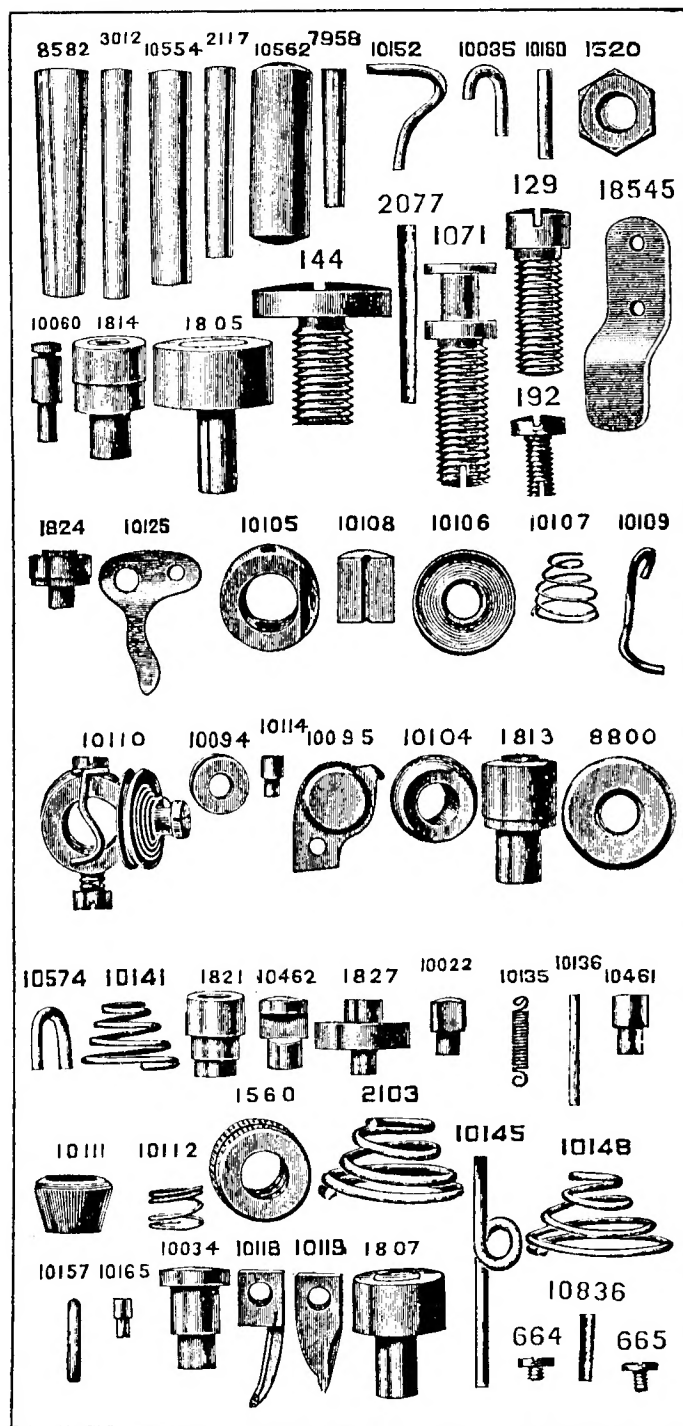


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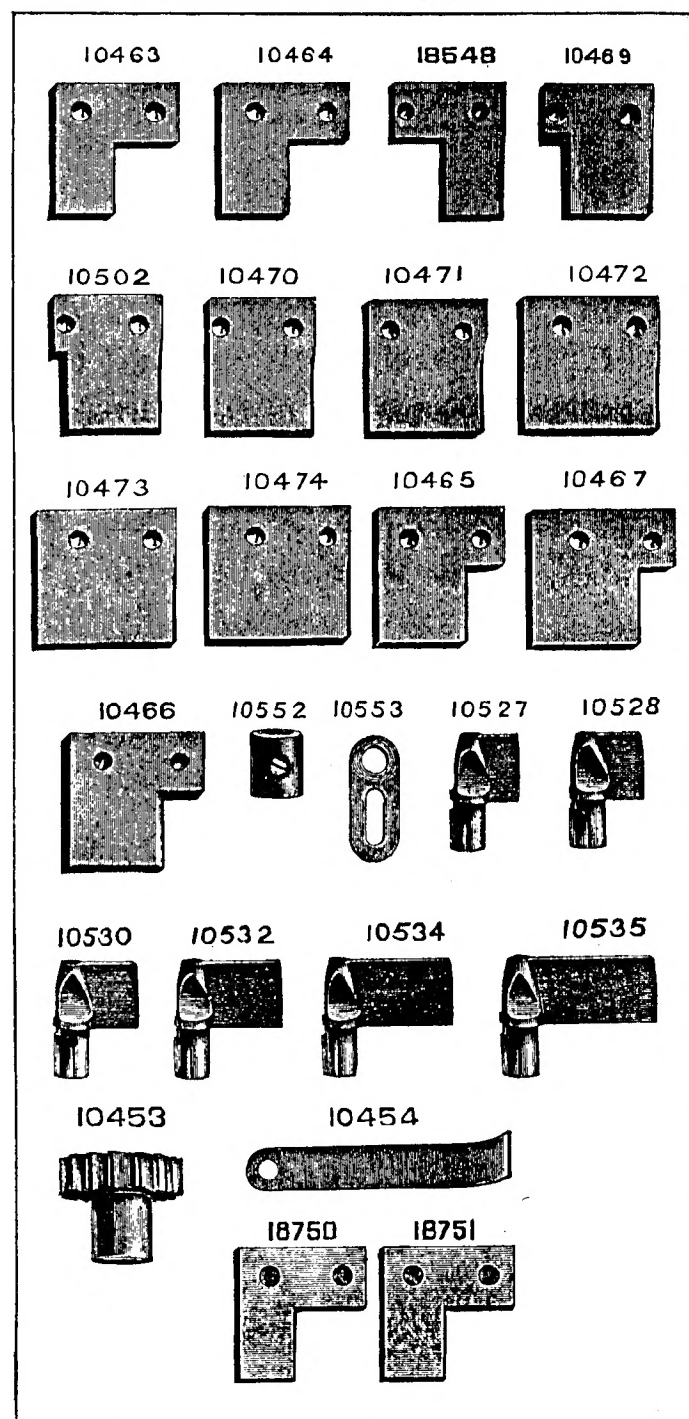


PLATE 1783—FULL SIZE

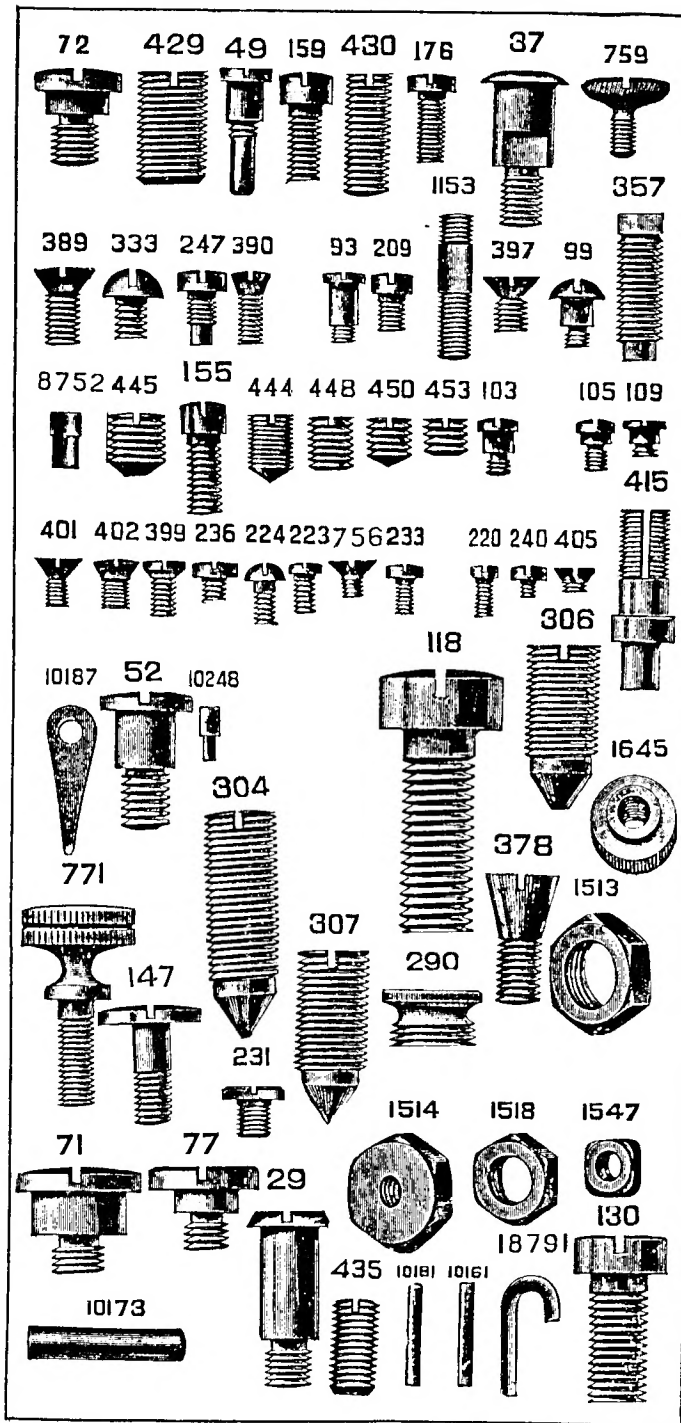
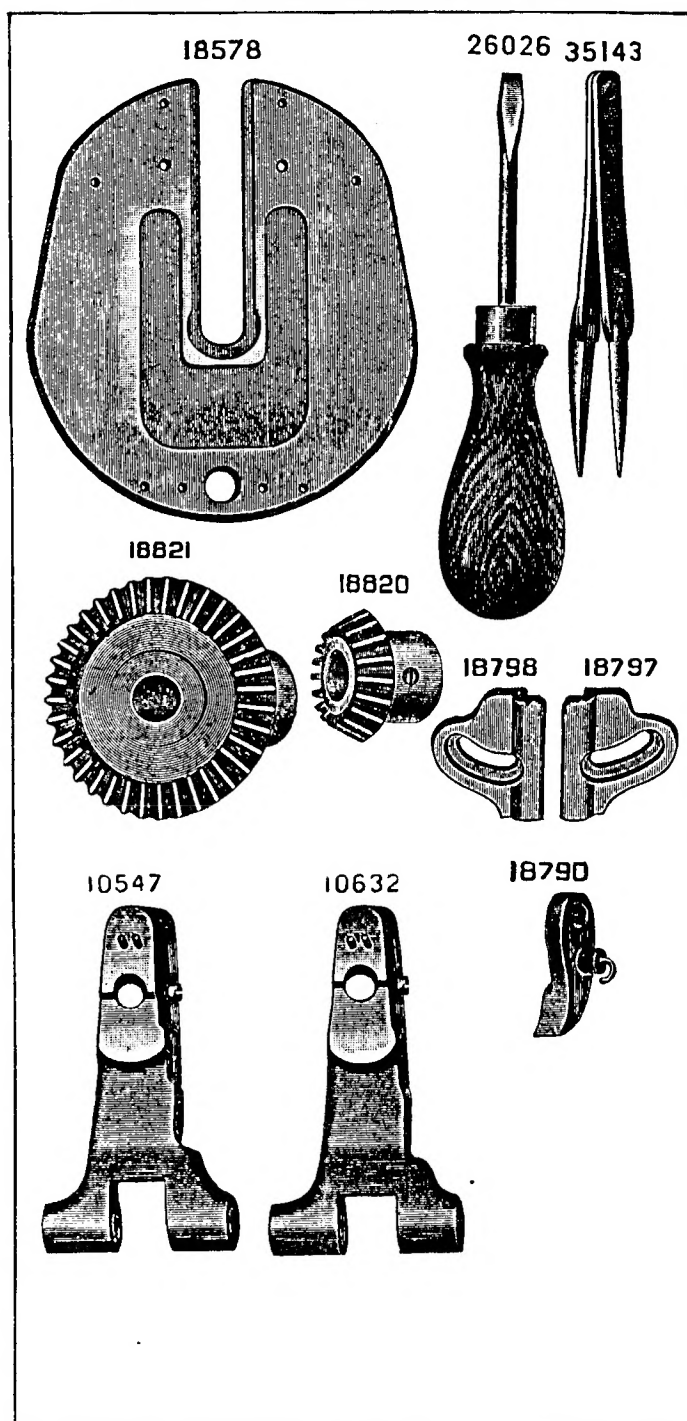
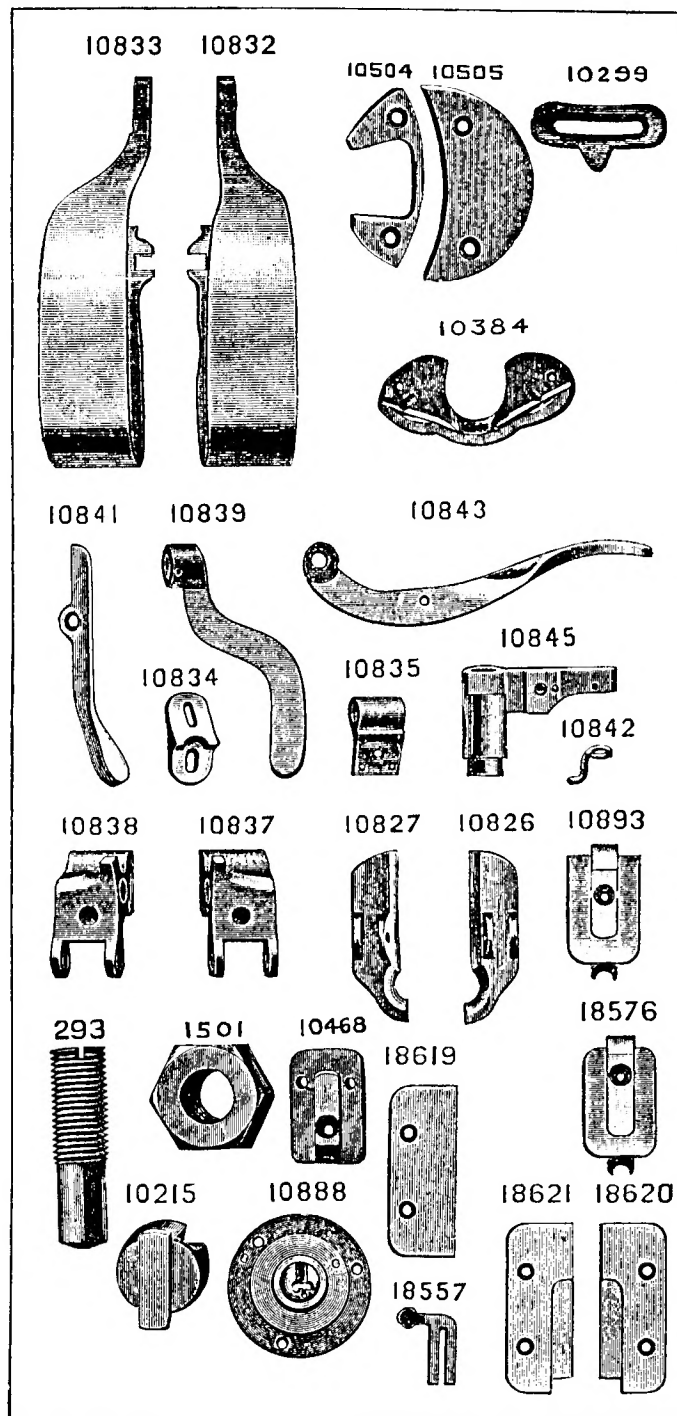


PLATE 1784—ONE-HALF SIZE



# PLATE 1785—ONE-HALF SIZE



# PLATE 1786—ONE-SIXTH SIZE

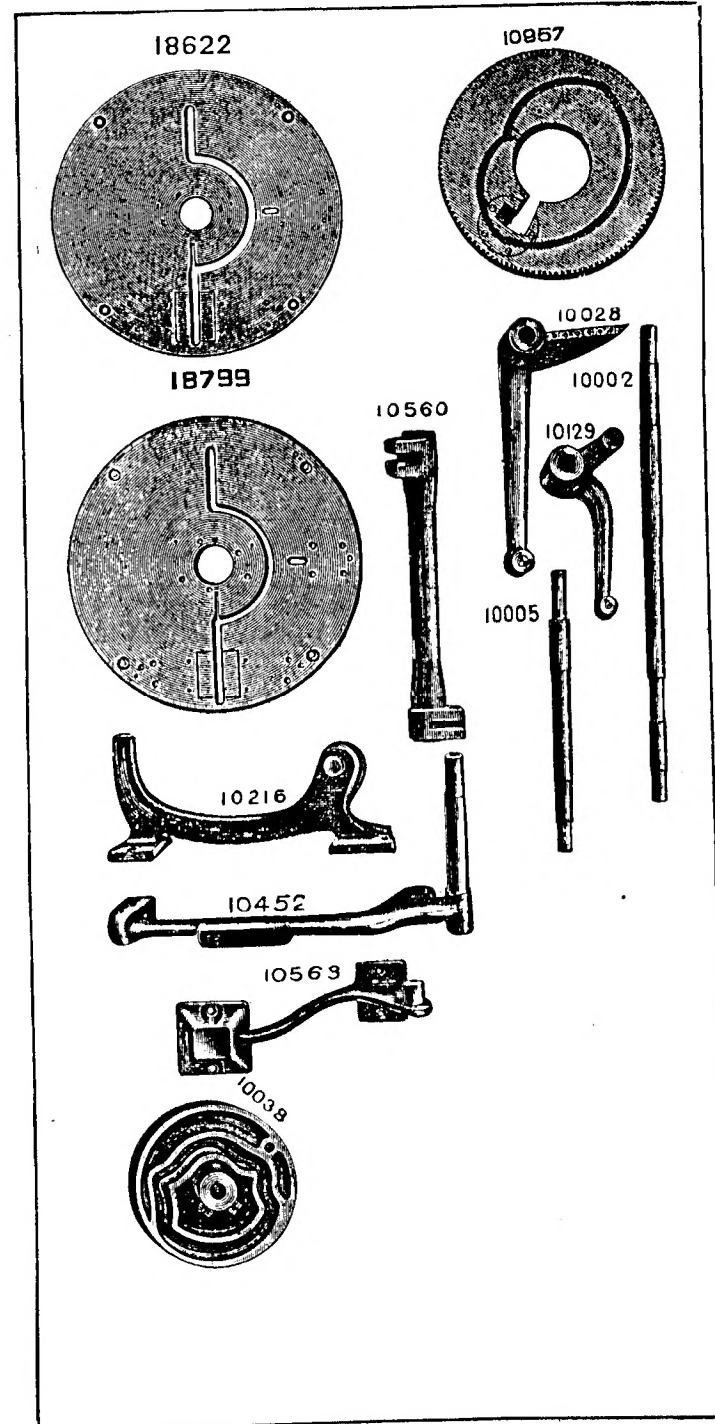
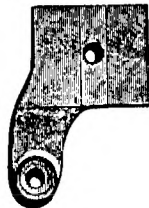


PLATE 1787—ONE-THIRD SIZE

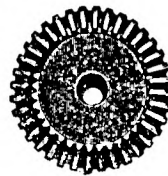
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10122



10007

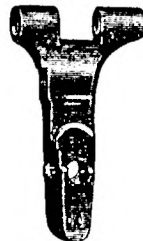


10821

10555



10549



10551

